



DECLARATION FOR UNITED STATES PATENT APPLICATION
POWER OF ATTORNEY, DESIGNATION OF CORRESPONDENCE ADDRESS

Attorney Docket
28549-203021

As a below named inventor, I hereby declare that my residence, post office address and citizenship are as stated below next to my name, and that I believe I am the original, first and sole inventor (if only one name is listed below) or an original, first and joint inventor (if plural names are listed below) of the subject matter which is claimed and for which a patent is sought on the invention entitled **PHOTONIC SIGNAL FREQUENCY UP AND DOWN-CONVERSION USING A PHOTONIC BAND GAP STRUCTURE**, the specification of which

[] is attached hereto.

[X] was filed on April 9, 2004, as Application Serial No. 10/821,246, and was amended on _____ [if applicable].

[] was filed under the Patent Cooperation Treaty on _____ Serial No. _____ the United States of America being designated, and was amended on _____ [if applicable].

I hereby state that I have reviewed and understand the contents of the above identified specification, including the claims, as amended by any amendment referred to above.

I acknowledge the duty to disclose to the Patent and Trademark Office all information known to me to be material to patentability as defined in Title 37, Code of Federal Regulations, 1.56.

I HEREBY CLAIM foreign priority benefits under Title 35, United States Code §119(a)-(d) of §365(b) of any foreign application(s) for patent or inventor's certificate, or §365(a) of any PCT international application which designated at least one country other than the United States of America, listed below and have also identified below any foreign application for patent or inventor's certificate or of any PCT international application having a filing date before that of the application on which priority is claimed.

Prior Foreign Application Number	Country	Foreign Filing Date	Priority Claimed

I HEREBY CLAIM the benefit under Title 35, United States Code §119(e) of any United States provisional application(s) listed below.

U.S. Provisional Application Number	Filing Date

I HEREBY CLAIM the benefit under Title 35, United States Code, §120 of any United States application(s), or §365(c) of any PCT International application designating the United States of America, listed below and, insofar as the subject matter of each of the claims of this application is not disclosed in the prior United States or PCT International application in the manner provided by the first paragraph of Title 35, United States Code §112, I acknowledge the duty to disclose information which is material to patentability as defined in Title 37, Code of Federal Regulations, §1.56 which became available between the filing date of the prior application and the national or PCT International filing date of this application.

U.S. Patent Application Number	PCT Patent Application Number	Patent Filing Date	Parent Patent Number
09/742,295			December 22, 2000

I hereby appoint the registered attorneys and agents of VENABLE associated with the following customer number to prosecute this application and to transact all business in the Patent and Trademark Office connected therewith:

26694

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PATENT TRADEMARK OFFICE

VENABLE is located at 575 7th Street, N.W., Washington, D.C. 20004-1601, Telephone: (202) 344-4000, Telefax: (202) 344-8300. Address all correspondence to VENABLE, Post Office Box 34385, Washington, D.C. 20043-9998.

The undersigned hereby authorizes the registered U.S. attorneys and agents identified herein to accept and follow instructions from the undersigned's assignee, if any, and/or, if the undersigned is not a resident of the United States, the undersigned's domestic attorney, patent attorney or patent agent, as to any action to be taken in the Patent and Trademark Office regarding this application without direct communication between U.S. attorneys and the undersigned. In the event of a change in the person(s) from whom instructions may be taken, the registered U.S. attorneys and agents identified herein will be so notified by the undersigned.

I hereby declare that all statements made herein of my own knowledge are true and that all statements made on information and belief are believed to be true; and further that these statements were made with the knowledge that willful false statements and the like so made are punishable by fine or imprisonment, or both, under 1001 of Title 18 of the United States Code and that such willful false statements may jeopardize the validity of the application or any patent issued thereon.

Signature: *Michael Scalora*
First/Sole Inventor: Michael Scalora
Citizenship: USA
Residence and Post Office Address: 15037 Ashmont Circle, Huntsville, Alabama 35803

Date: 9/3/ 2004.

Signature: *Mark J. Bloemer*
Second Inventor: Mark J. Bloemer
Citizenship: USA
Residence and Post Office Address: 15829 Sanderson Lane, Athens, Alabama 35613

Date: 9/7 2004.

Signature: *Marco Centini*
Second Inventor: Marco Centini
Citizenship: USA
Residence and Post Office Address: Via Fanfulla da Lodi 15, San Benedetto del Tronto, Italy 63039

Date: 9/2/ 2004.

Signature: *Giuseppe D'Aguzzo*
Second Inventor: Giuseppe D'Aguzzo
Citizenship: USA
Residence and Post Office Address: Via Arigni 142, Cassino Italy 03042

Date: 9/3/ 2004.